A Shy Plant: Exploring the Touch-Me-Not

Name: ANSWER KEY Date: _____

Vocabulary Words: Match the definition to each word.

1. The Touch-Me-Not plant folds its leaves when it is touched.
2. Scientists who study plants are called botanists and biologists.
3. When you touch the plant, water moves into special sacs, causing the leaves to fold.
4. The Touch-Me-Not plant is also known as Mimosa pudica.
5. This plant can tell the difference between the wind and being touched by an animal or human.

Word Bank: Mimosa, sacs, animal, leaves, botanists

Multiple Choice: Choose the correct answer from the choices for each question.

1. Where is the Touch-Me-Not plant commonly found?
   a) Central and South America
   b) Southern United States
   c) Polynesian Islands
   d) All of the above

2. What do the special valves in the plant do when touched?
   a) Release gas
   b) Let in water
   c) Make the plant grow flowers
   d) Change the plant's color

3. What is another name for the Touch-Me-Not plant?
   a) Sunflower
   b) Daisy
   c) Mimosa pudica
   d) Cactus

4. According to the passage, what is still a mystery about the Touch-Me-Not plant?
   a) What color it is
   b) Why it folds its leaves so quickly
   c) How tall it can grow
   d) Where it grows

Discussion & Reflection: Answer the following questions in complete sentences

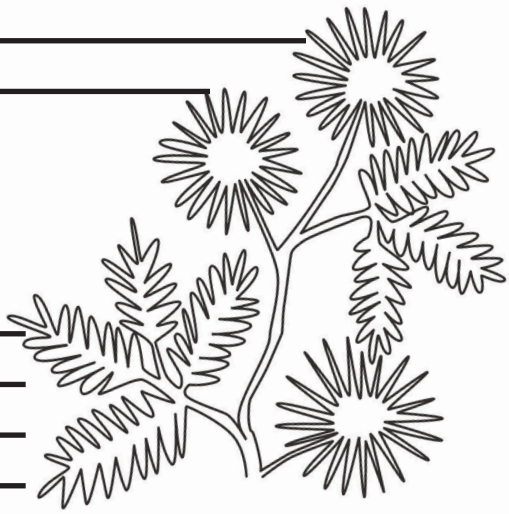
1. Describe what happens when you touch the leaves of a Touch-Me-Not plant.

When you touch the leaves of a Touch-Me-Not plant, the leaves instantly fold up and the stalk bends down.

2. In your opinion, what makes the Touch-Me-Not plant interesting or unique? Explain your answer.

Example: The Touch-Me-Not plant is interesting because it can sense touch and react immediately, which is not common in most plants. Its ability to tell the difference between wind and being touched makes it unique.

3. This shows me that God is (Circle the word):

Wise Powerful Caring Creative All of the above

Explain your choice: